

Nucleon form factors on a $(10.8\text{fm})^4$ lattice at the physical point in 2+1 flavor QCD

Thursday, July 26, 2018 9:50 AM (20 minutes)

We present preliminary results for nucleon form factors calculated with the plateau method varying the source-sink separation time t_s on a $(10.8\text{fm})^4$ lattice at the physical point in 2+1 flavor QCD. The configurations are generated with the stout-smearred $O(a)$ -improved Wilson quark action and the Iwasaki gauge action at $\beta=1.82$ corresponding to the lattice spacing of 0.084 fm. We discuss the momentum dependence of the form factors in very small transfer momentum region examining a possible t_s dependence.

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Session Classification: Hadron Structure

Track Classification: Hadron Structure